

TITLE

ENZYMES INVOLVED IN SQUALENE METABOLISM

ABSTRACT OF THE DISCLOSURE

This invention relates to an isolated nucleic acid fragment encoding a squalene
5 metabolic enzyme. The invention also relates to the construction of a chimeric gene
encoding all or a portion of the squalene metabolic enzyme, in sense or antisense
orientation, wherein expression of the chimeric gene results in production of altered levels of
the squalene metabolic enzyme in a transformed host cell.

10

15

20

25

30

35

GJF/bjm